

$$\phi \int_{-4}^{-5} e^{(x+5)^2} dx + 3 \int_{1/3}^{2/3} e^{9(x-\frac{1}{3})^2} dx$$

Ans.  $\int_1^0 e^{t^2} dt$        $3 \int_{1/2}^{2/3} e^{(3x-2)^2} dx$

$x+5=t$        $3x-2=t$

$$= \int_{-1}^0 e^{t^2} dt$$

$$= \int_0^1 e^{t^2} dt$$

Ans. = 0 //